

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, February 1, 2002

Vol. 27, No. 5

FROM THE
DIRECTOR'S
OFFICE

Terry Turchie

Espionage happens — so play it SAFE

The Bay Area and LLNL are wonderfully diversified, with many people from many countries enriching our professional and personal lives. The environment in which we work, live and play puts us in frequent contact with people from other countries. This is a good thing.

It's such a good thing that we routinely and consistently travel to other countries and invite people from other countries to come to LLNL to share ideas and, in many cases, to become scientific collaborators. LLNL not only believes in the concept of "the global community," but truly lives it.

While I'm not a scientist (you will easily detect this as time goes by), I realize that many of the basic scientific concepts at the foundation of our research were developed in foreign countries. I am told that many years ago an apple fell on the head of an English scientist. After he screeched, "Eureka!" he came up with the concept that for every action there is an opposite but equal reaction, and we've understood how ships float ever since. This all goes to show that while Sir Isaac Newton put his head to good use, Archimedes was a man of principle.

OK, I've proven that I'm not a scientist, or even a good historian. But I think I have a point to make here regarding Newton's "equal but opposite reaction," and it is this: Our personal, social and collective growth and survival as a scientific R&D laboratory depend upon our interactions with people who are not U.S. citizens. However, there is a force pulling the other way, and that is the effort many foreign countries, including those we call our allies, exert to gain access to knowledge that has an effect on U.S. national and economic security. Additional concerns, particularly with DOE's list of "sensitive" countries, are proliferation and

See **DIRECTOR'S OFFICE**, page 8

Abraham will roll out proposed budget for FY03

Energy Secretary Spencer Abraham will give a briefing on the budget request for fiscal year 2003 on Monday, Feb. 4, tentatively at 11 a.m. (though the time is subject to change). The briefing will be carried on Lab TV Channel 2.

The briefing will take place at DOE headquarters in Washington, DC. Abraham will also provide information on the National Nuclear Security Administration budget.

Astronaut duo lands at Laboratory

Wisoff joins NIF team as a deputy manager

By Sue Stephenson

NEWSLINE STAFF WRITER

When it comes to spaceflight, astronauts Tammy Jernigan and Jeff Wisoff have just about seen it all. These days they are firmly grounded back on earth, both nurturing careers at the Lab and about to embark on their next adventure (you'll have to keep reading to find what that is).

Last fall, Jernigan and Wisoff, who are married, decided they'd had their fill of the wild blue yonder and it was time to pursue new challenges, albeit this time on the ground. On Oct. 1, Jernigan joined the Physics and Advanced Technologies while Wisoff landed at the National Ignition Facility.

Prior to that Wisoff, 43, had served four missions in space, taken three space walks totaling almost 20 hours, delivered tons of supplies to the Russian Space Station Mir, retrieved the European Retrievable Carrier Satellite, conducted science experiments in space, and helped construct the International Space Station.

These days, he serves as deputy associate project manager for Systems Engineering, working closely with Mary Spaeth, the chief technical officer for the NIF Project.

"The Space Program is a team effort in the same way that NIF is a

See **WISOFF**, page 7

Jernigan finds new challenge

By Gordon Yano

NEWSLINE STAFF WRITER

Now that Tammy Jernigan is done with blasting off into space on the shuttle and space-walking several hundred miles above Earth, she can get on with the most challenging adventure of her life.

No, it's not her new job as assistant associate director for special projects in the Lab's Physics & Advanced Technologies directorate. Although that's providing enough new challenges in and of itself, thank you.

Actually, it's preparing to become a mother for the first time.

"Spaceflight is much less physically demanding than having a baby," quipped Jernigan, 42, now 19 weeks into her pregnancy. "This is a real challenge."

Since Jernigan left NASA's astronaut program last September to join the Laboratory, the challenges have come fast and furious.

"It's been an entirely new start: new job, new family, new

See **JERNIGAN**, page 7

Note:

Photos were intentionally left out of this PDF version of Newsline; there was a problem in creating the PDF version with the photos included.

PHOTOS COURTESY OF NASA

Tammy Jernigan totes part of a Russian-built crane during a space-walk in which she worked on the International Space Station.

Jeff Wisoff and Tammy Jernigan

Look back at 1956:
Polaris Program

— Page 3

A celebration
of black history

— Page 5



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Wednesday
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A representative from **Fidelity Investments** will be on-site to meet with employees Feb. 6-7 and Feb. 20-21. Fidelity Investments are available to UC's 403(b) participants in addition to the UC-managed investment funds. To make an appointment, call the Fidelity central reservation system at 1-800-642-7131. When calling, be sure to specify you are an LLNL employee.

...

A representative from the **Social Security Administration** will be at the Lab from 1:30-2:30 p.m. in Bldg. 571, conference room 2301, to discuss benefits available to those covered by Social Security. The presentation will cover Social Security and retirement, Social Security and disability, survivor benefits, Medicare and much more. Contact: the Benefits Office, 2-9955.

...

Calling all **Oracle users** and potential users, come see a new features presentation for Oracle 9iAS EE R2 at 10 a.m. in the Bldg. 543 auditorium. The technical presentation will include an introduction and overview, and application development and deployment information. Contact: Candace Gittins at gittins1@llnl.gov, 4-4952.

Friday
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All pre-orders for the Association of Black Laboratory Employees' **Valentine's Day Scholarship fund-raiser** must be turned in on Feb. 8. For a \$12 donation, you'll receive two 8 1/4-inch plush "Hugs" and "Kisses" embroidered Bears; one 18-inch mylar balloon with "Happy Valentine's Day" and one See's truffle in a decorative box. Contact Pearlne Holton, holton2@llnl.gov; Gennetta Byrd, byrd2@llnl.gov; or Lisa Rashidi, rashidi2@llnl.gov to place orders. Pickup will be on Thursday, Feb. 14 in Bldg. 571, room 2242, between 11:30 a.m. and 1:30 p.m. Payment can be made at the time of pick up.

Up
Coming

"Stress and Work/Life Balance" (ED7033-F) is a one-day workshop that will teach you the essentials of stress management,

and ways to control stress and restore balance to your day-to-day life. This workshop is scheduled Feb. 11, 8:30 a.m.-4:30 p.m. at the Training Center (Trailer 1879). Estimated cost of course, \$285-\$435. To register for this class, go to https://www-ais.llnl.gov/llnl_only/docs/hr/ltrain, or contact the Employee and Organization Development Division at 2-4842.

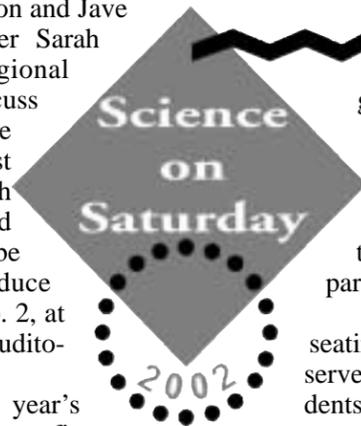
...

The Lab recently announced that the **Student Employee Graduate Research Fellowship program** has been extended to all UC campuses. The next application date is Feb. 15. Students must have passed their preliminary exams, and be ready to start thesis research at LLNL. Information for potential Lab mentors, campus thesis advisors and students can be found at <http://www.llnl.gov/urp/Sefellowship/>. Contact: Harry Radousky, 2-4478.

Saturday talk focuses on Pillars of Creation

Lab physicists Bruce Remington and Jave Kane, along with science teacher Sarah Palmer of the Tri-Valley Regional Occupational Program, will discuss the dramatic pillars of the Eagle Nebula — one of the clouds of dust and gas in the galaxy out of which stars and planets form — and demonstrate how lasers might be used in the laboratory to produce miniature pillars, on Saturday, Feb. 2, at 9:30 a.m. in the Lab's Bldg. 123 auditorium.

The talk is the first in this year's LLNL Science on Saturday program, a five-week series of free 90-minute talks geared toward middle and senior high school students. The series, which began in 1996, has proven to be tremendously popular, drawing more than 300 people from throughout the Bay Area to each lec-



ture.

The free lectures, which cover topics ranging from new technologies for treating strokes to state-of-the-art robotics, will be offered every Saturday through March 2, from 9:30-11:15 a.m. All of the talks will be in the Bldg. 123 auditorium and are open to students, their parents or guardians and teachers.

Registration is at the door and seating is available on a first-come, first-served basis, with priority given to students. All Science on Saturday visitors must enter the Laboratory through the south-west entrance on East Avenue.

For more information, check the Website at <http://education.llnl.gov/sos> or e-mail the Lab's Science and Technology Education Program at education@llnl.gov.

IN MEMORIAM

Toni Frazier

Services have been held for Toni D. Frazier, a Lab retiree who died Jan. 16 at Valley Care Medical Center in Pleasanton. She was 57.

Frazier worked on commute transportation planning in Human Resources and helped to establish vanpools at the Lab. Her work helped the program win a presidential citation. Frazier also worked as an administrator for what is now LLESA. After leaving the Lab she joined TerraSearch Inc. of Livermore.

Born in Long Beach, she was a 26-year resident of Pleasanton, where she was a member of Pleasanton Presbyterian Church. She received her bachelor's degree in secondary education from the University of Kansas and her MBA from Golden Gate University.

Survivors include her husband, Robert, who works for NAI; her brother David Douglas, who works for Physics and Advanced Technologies; three sisters and her mother. Her funeral was held at Graham-Hitch Mortuary on Jan. 22.

Steve Goodwin

Steven Elijah Goodwin, a health and safety technician for Hazards Control, died of cancer on Oct. 26 in Stockton. He was 42.

Born in Chico and a resident of Manteca for the past 18 years, Goodwin worked the majority of his 19-year career at LLNL in the Respirator Shop and later worked in various other divisions of Hazards Control.

He was a black belt in karate and participated in LLESA's fencing activities group and the sign language activities group. People enjoyed Steve because of his positive attitude and his ability to make others comfortable despite his deafness. He loved the fresh mountain air, beautiful scenery and spending time with his family and friends in Nevada.

His wife of 19 years, Dacia, and his three children; Danicia, Deidra and Dylan, his parents and nine other siblings survive Goodwin. Services were held in Manteca.

The family wishes to thank employees who donated vacation leave to Goodwin during his last few months of life. He made a difference in people's lives, and employees made a difference in his.

Edward Zaharis

Edward J. Zaharis, a Lab retiree, died Jan. 20 at Sunbridge Care Home in Manteca. He was 74.

Zaharis was a facility associate working in Mechanical Engineering for more than 20 years before retiring in 1991. He was a native of San Jose and lived in San Ramon and Tracy.

Zaharis was a member of the Stockton Astronomical Society and an Army veteran of World War II.

Survivors include his wife, Marlene; children, Mary Ellen and Teri, and three grandchildren.

Contributions in his memory may be made to the American Cancer Society, 1604 Ford Ave., Modesto, 95350.

Tri Valley science fair needs general volunteers, judges

The Tri Valley Science & Engineering Fair will be held March 21-24 at the Blackhawk Museum in Danville and volunteers are needed.

There are a number opportunities for volunteers to help out, but the greatest need is for judges on Thursday, March 21 from approximately 7:30 a.m. to 2 p.m.

If you can help or would like more information, contact Dee Johnson at 2-1495 or johnson109@llnl.gov; or Karen Kiernan, TVSEF fair director, at 3-9051 or kiernan2@llnl.gov. Additional information is also available on the Web at: <http://lasers.llnl.gov/lasers/tvsef>.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

Contacts:

Managing editor: Lynda Seaver, 3-3103

Contributing writers: Sheri Byrd, 2-2379; Don Johnston, 3-4902; Elizabeth Rajs, 4-5806; David Schwoegler, 2-6900; Anne Stark, 2-9799; Steve Wampler, 3-3107; Gordon Yano, 3-3117. For an extended list of Lab beats and contacts, see <http://www.llnl.gov/llnl/06news/NewsMedia/contact.html>

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1952 – 2002

MAKING HISTORY, MAKING A DIFFERENCE



The Polaris Program: a strategic breakthrough

This is part of an ongoing feature highlighting various aspects of the Lab's 50-year history.

In the summer of 1956, a Navy-sponsored study was held at Woods Hole, Massachusetts. Edward Teller attended the study. His bold input would profoundly affect the future of strategic deterrence, the Navy's Fleet Ballistic Missile program, and the Laboratory. Teller discussed the feasibility of a one-megaton warhead small enough to fit onto a torpedo. When asked whether his ideas could be applied to the Navy ballistic missile program, Teller replied with a question, "Why use a 1958 warhead in a 1965 weapon system?" He opened the door to a highly efficient deterrent system in which 16 compact missiles could fit vertically on a submarine. The Polaris program began soon afterward as a crash program and rapidly achieved its objective in 1960.

The summer of 1958 brought genuine breakthroughs at Livermore, which were confirmed during tests in the Pacific only a few months before the nuclear testing moratorium began. Work continued and the W-47 Polaris warhead was created. The Laboratory's innovative design for the W-47 established Livermore's reputation as a major nuclear weapons facility. The work also spurred additional innovations and provided a model for future strategic weapon development.

W-47 Polaris

1956

innovative design

The Laboratory's W-47 Polaris warhead established Livermore's reputation as a major nuclear weapons facility.

Around the world

- UK, France and Israel attack Egypt
- Polish uprising suppressed
- Hungarian uprising suppressed
- Khrushchev denounces Stalin excesses
- Nasser nationalizes Suez Canal
- Pakistan adopts a new constitution; officially becomes an Islamic state

Around the nation

- Eisenhower re-elected
- Martin Luther King organizes bus boycott after racial incident; brings the young preacher into the national eye

See the Timeline: <http://www.llnl.gov/timeline/>

See anniversary stories: http://www-r.llnl.gov/50th_anniversary/history.htm

- Elvis Presley tops the charts with "Love Me Tender" and "Heartbreak Hotel"
- Prince Rainier of Monaco marries film actress Grace Kelly

Around the Lab

- Herbert F. York is Lab's director
- Lab population grew to about 2,000, adding employees to its Reactors Program, along with its Magnetic Fusion and Nuclear Weapons, Research, Development and Testing Programs

in other

NEWS

Significant events around the world, the nation and at the Lab.



NEWS YOU CAN USE

BRIEFLY

DOE security inspection

Approximately 30 security inspectors from DOE's Office of Independent Oversight and Performance Assurance (OA) will conduct a comprehensive site security inspection at the Laboratory from Feb. 4-March 8.

The inspection is part of a routine process that takes place throughout the DOE complex. The inspectors will have access to the entire Laboratory, so they will be visiting various areas, questioning employees, reviewing security documents, and evaluating performance.

Inspectors will be evaluating all aspects of security to include classified matter protection, computer security, physical security, personnel security, protective force alarm responses, and general security planning.

Employees should ensure that security procedures are up to date. Program security representatives are good sources of help in preparing for the inspection. If you don't know

who your program security representative is, dial the security hotline at 222 or go to their Website at <http://www-security.llnl.gov/SSDPub/rephome.html>.

Foreign national tax workshop

The Lab is hosting a free tax workshop on March 5 for foreign nationals whose tax filing status is non-resident. The workshop will be held from 2-4 p.m. in Bldg. 571, rooms 1301 and 1335.

UC Berkeley offers this workshop for both international employees and visiting international scholars (participating guests, student guests). J-1 scholars/students whose tax filing status is non-resident and whose total support during 2001 came from sources outside the United States need not attend the workshop but must still complete form 8843.

Attending a tax information workshop is recommended for all other persons whose tax filing status is non-resident and who received U.S.-sourced income. State and federal non-resident tax

forms are provided, along with information on who needs to complete which tax forms, where to send the forms, the basics of how to fill out the forms, and the deadlines. There will be a chance to ask questions as well.

All F-1 and J-1 status holders whose tax filing status is "non-resident" must file federal income tax forms 1040 NR or 1040 NR-EZ and 8843 if they had U.S. source income (salary, scholarships, financial aid). Those who had no U.S. source income are required to complete and mail IRS form 8843 to comply with the federal government filing requirements.

Students and scholars who had no U.S. source income are not required to file state tax returns. For additional information please see the Immigration Services Website at: http://www.llnl.gov/immigration_services.

For more information about the workshop, contact Jeanne Robinson at 2-2014.

Technical Meeting Calendar

Friday
1

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"The SuperMacho Project and Some Results from the

MACHO Archive," by Andrew Drake, LLNL. Noon, Bldg. 319, room 205 (badge required). Contact: Adam Stanford, 3-6013, or Josie Morgado, 4-5201.

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"New Multivalued Methods for Differential Algebraic Equations," by Minnie Kerr, North Carolina State University. 10 a.m., Bldg. 451, room 1025 (property protection area). Contacts: Carol Woodward, 4-6013, or Leslie Bills, 3-8927.

Monday
4

UC DAVIS, DEPARTMENT OF APPLIED SCIENCE

"Solar Car Racing: Driving Technology Forward," by Jennifer Harper, UCB graduate student. 4 p.m., Bldg. 661 (Hertz Hall), room 7 (open area). Refreshments served at 3:30p.m. for a "meet the speaker" session before seminar. Contact: Estelle Miller, 2-9787.

CHEMISTRY & MATERIALS SCIENCE

"Synthesis and Mechanical Response of Interfacial and Optical Materials," by Andrew Winter, Spectra Physics 10:00a.m., Bldg. 235, gold room (uncleared area). Contact: Geoff Campbell, 3-8276, or Roberta Marino, 3-7865.

Tuesday
5

PHYSICS & ADVANCED TECHNOLOGIES

"Obtaining Unique Data at Megabar Pressures: Using Intense Magnetic Fields to Reach Extreme States," by David Reisman, LLNL. 2 p.m., Bldg. 219, room 163 (badge required). Contact: Leslee J. Markham, Markham2@llnl.gov.

CHEMISTRY & MATERIALS SCIENCE

"Molecular Dynamics Studies of Electron Transfer Proteins and Other Biological Systems," by Elizabeth Dolan, Washington State University 11 a.m., Bldg. 151, room 1209 (uncleared area). Contact: Andrew Quong 2-5641, Bonnie McGurn, 3-2764, or Lynda Allen, 4-5513.

LIVERMORE COMPUTING

LC Customers monthly meeting. 9:30 a.m., Bldg. 111 Poseidon Room (cleared area). Contact: Teresa Delpha, taf@llnl.gov.

Wednesday
6

MATERIALS RESEARCH INSTITUTE SEMINAR

"Electrical Conductivity of Shocked Dense Fluids," by Ricky Chau, LLNL. 3:30 p.m.,

Bldg. 219, room 163 (badge required). Contacts: Bill Nellis, 2-7200, or Joanna Allen, 2-0620.

Thursday
7

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"What's New with the Wave Equation," by Thomas Hagstrom, University of New Mexico. 1:30 p.m., Bldg. 451, room 1025 (uncleared area). Contacts: David Brown, 4-3557, or Leslie Bills, 3-8927.

Friday
8

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"Ultraluminous-Infrared Galaxies: Ellipticals and Quasars in Formation?" by

Linda Tacconi, Max-Planck-Institut. Noon, Bldg. 319, room 205 (badge required). Contacts: Wil van Breugel, 2-7195, or Josie Morgado, 4-5201.

DEFENSE & NUCLEAR TECHNOLOGIES

"Hard and Deeply Buried Targets Defeat: The Challenge Ahead," by Tony Lee, LLNL. 10:30 a.m., Bldg. 132 auditorium, room 1000 (cleared area). SRD presentation. Contact: Mark Herrmann, 2-6999.

Tuesday
12

CHEMISTRY & MATERIALS SCIENCE

"The Materials and Chemistry of NIF," by Tom Bernat, discussing ICF targets cryogenics.

10:30 a.m., Bldg. 235, room 1090 (uncleared area). Contacts: Tomás Díaz de la Rubia, 2-6714, or Lisa Rose-Webb, 2-5609.

Wednesday
13

MATERIALS RESEARCH INSTITUTE SEMINAR

"Thermomechanical and Numerical Modeling of Energetic Materials and Multi-

Material Impact," by Jack Yoh, University of Illinois at Urbana-Champaign. 3:30 p.m. Bldg. 219, room 163 (badge required). Contact: Joanna Allen, 2-0620.

Friday
15

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

"How does the SED of the Universe Evolve with Time:

Pan-Chromatic Models of Galaxy Formation," by Rachel Somerville, University of Michigan. Noon, Bldg. 319, room 205 (badge required). Contacts: Adam Stanford, 3-6013, or Josie Morgado, 4-5201.

Friday
22

PHYSICS & ADVANCED TECHNOLOGIES

"Search for CP Violation in tau lepton Decays," by Yurri Maravin, Southern Methodist

University, Texas. 2:30 p.m. Bldg. 211, room 227 (badge required). Contacts: Doug Wright, 3-2347, or Pat Smith, 2-0920.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the newsgroup llnl.meeting, contact the registrar at registrar@llnl.gov.

NEWS OF NOTE



Lab, Sandia join forces in celebration of black history

The Association for Black Lab Employees (ABLE) will host a large array of events in February in celebration of Black History Month. Throughout the month at Livermore and Sandia labs, employees may enjoy luncheons, videotapes with discussions, live informative historical speakers, as well as top-notch entertainers. For the full schedule of event times and locations, see the list below.

- Feb. 1, 12 – Videotape presentation, “Black Aviators: Flying Free,” Bldg. 571, room 2301, noon–1 p.m. Take a trip into the world of the black aviators who broke down barriers to take to the skies. Through period accounts, first-person recollections, and rare photos and footage, follow the difficult journey of African-American pilots to secure their rightful place in the U.S. military. See how pioneers like Eugene Bullard and Bessie Coleman flew for France in World War I rather than serve in the segregated U.S. forces. Relive the exploits of the legendary Tuskegee airmen, who forever silenced those who said black pilots weren’t skilled enough. And follow the career of Frank Peterson, who overcame segregation and discrimination, on and off the military base, to become the Marine’s first African-American three-star general.

- Feb. 4 – Sandia African-American Outreach Committee lunch, “Sisters to the Brothers,” a potluck lunch, Sandia Bldg. 921, room 121, noon–1 p.m.

- Feb. 5 – Videotape, “The Brownsville Raid,” Sandia Bldg. 911, room 103, refreshments served, noon–1 p.m. Just before midnight on Aug. 13, 1906, unknown men stormed through the streets of Brownsville, Texas, blasting bullets into saloons and homes, killing one man and injuring another. The citizens of Brownsville blamed the attack on soldiers of the 1st Battalion of the 25th Infantry, who had just arrived at a nearby Army base. Reacting immediately to this charge, President Theodore Roosevelt ordered the entire battalion — 167 men, all of whom were black — discharged without honor.

- Feb. 6, 13, 20, 27 – “Who Wants to Be a Millionaire?” Sandia Bldg. 904 auditorium, noon–1 p.m. Six to eight volunteers will be selected. The players will participate through the first two Wednesdays until there are no more players. The following Wednesday is reserved for four volunteers from management; the last Wednesday for four volunteers from

the Division Diversity Council. Also included will be a display of personal Afro-centric items from Sandia and LLNL employees and contractors.

- Feb. 7 – Potluck and Cultural Dress day, Sandia Bldg. 905, mezzanine, noon–1 p.m.

- Feb. 8, 15 – Social lunch, LLNL South Café, noon–1 p.m.

- Feb. 11 – Speaker, Ken Washington, director of the Sandia Distributed Information Center, on “Tools for a Successful 21st Century Career,” Sandia Bldg. 940 auditorium, noon–1 p.m., refreshments served.

- Feb. 14 – Speaker, Lionel Lyons, “Dreams & Dream-Makers,” Sandia Bldg. 940 auditorium, refreshments served, noon–1 p.m. Lyons uses conviction and humor in sharing his personal story and relentless desire for a better way of life. A product of rural eastern North Carolina, Lyons was raised in a single-parent household with his seven brothers and sisters. He graduated cum laude from North Carolina Agricultural and Technical State University with a bachelor’s degree in political science, and he holds a Master’s of Public Administration from Ohio State University. He is presently the director of the Equal Opportunity Department for the city of Phoenix.

- Feb. 18 – Videotape, “Ships of Slaves: The Middle Passage,” Bldg. 571, room 2301, noon–1 p.m. For over 400 years, the slave trade took Africans from their homes to lives of cruelty and service in Europe and the New World. Millions died, and the most dangerous part of the ordeal was “the middle passage,” the long journey aboard massive ships loaded with human cargo.

Produced by Steven Spielberg’s DreamWorks, whose acclaimed film “Amistad” tells the story of a mutiny aboard a

slave ship, “Ships of Slaves” is a searching look at the history and legacy of slavery in the New World.

- Feb. 19 – Videotape, “The Night Tulsa Burned,” Sandia Bldg. 911, room 103, refreshments served, noon–1 p.m. In 1921, the Tulsa, Okla., neighborhood of Greenwood was one of the most affluent all-black communities in America. Known as the “Black Wall Street,” it covered 40 square blocks and boasted more than 600 businesses and 15,000 residents.

“The Night Tulsa Burned,” tells the long-buried tale of the tragic hours that brought Greenwood to a fiery end, and the misunderstanding that prompted the violence. The story is told through the testimony of survivors and hundreds of photos from the Tulsa museum that showed Greenwood before and after the horror. It started when a white elevator operator accused 19-year-old Greenwood resident Dick Rowland of assault. Angry mobs descended on the neighborhood and burned it to the ground, killing scores, injuring hundreds and destroying over 1,000 homes and businesses.

- Feb. 20 – Speaker Bebe Moore Campbell, Bldg. 123 auditorium, 1-2 p.m. Campbell is the author of the New York Times bestseller “Brothers and Sisters,” as well as “Your Blues Ain’t Like Mine,” for which she won an NAACP Image Award for literature.

- Feb. 21 – Music & display, “African-American History – From Before Slavery to Present Times,” Asale Kimbaada, Sandia Bldg. 904 auditorium, refreshments served, noon–1 p.m. Rhonda Ferguson and Ed Allen will entertain through their music. Ferguson will sing some of her favorite spiritual songs and Allen will play a few selections from his “Fantasy Island” CD. Asale Kimaada will join them. Grandmothers Who Help will bring out their Black History Month Exhibits.

- Feb. 22 – Health information session, “Health Concerns for African-Americans” LLNL’s Kerwin Falls, LLNL Bldg. 361 auditorium, noon–1 p.m.

- Feb. 25, 26 – Videotape, “John Henry Clark Expedition,” parts 1 & 2, LLNL Bldg. 571, room 2301, noon–1 p.m.

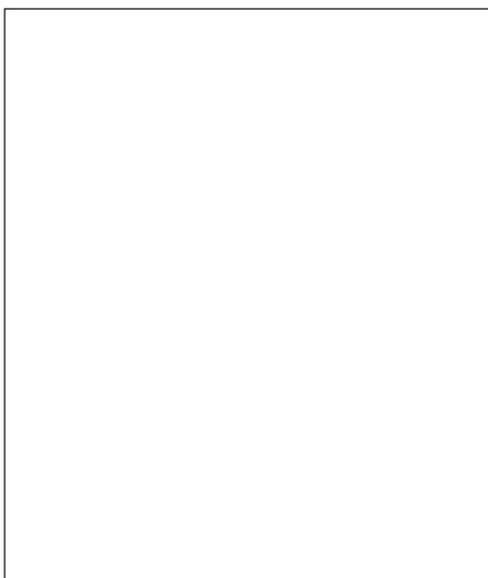
- Feb. 28 – “Soul Smacking Productions,” Sandia Bldg. 904 auditorium, refreshments served, noon–1 p.m. Soul Smacking Productions announces, “Faithwalker, Dr. Mary McLeod Bethune,” a 30-minute drama.

Kiernan’s education outreach earns Livermore Chamber award

Karen Kiernan, the special projects manager for Public Affairs and a longtime supporter of education and the Livermore community, was awarded the Livermore Chamber of Commerce’s 2001 Education Award.

Kiernan received the award last weekend during the chamber’s annual installation dinner and community awards gala. The Education Award is bestowed on a business, individual or organization that contributes to the “excellence of education” in Livermore.

Kiernan was recognized for a long history of promoting education activities from



Karen Kiernan

grade-school levels to community college.

Kiernan was cited for her development, implementation and management of the Tri-Valley Science and Engineering Fair, now in its sixth year.

Kiernan also was responsible for the Laboratory’s refurbishment of the Granada High School machine shop. She also has helped community colleges receive

more than \$1.2 million in grant funding, and has developed several technical workforce training programs.

Kiernan has judged various academic competitions, chaired Rotary vocational services, developed programs for at-risk and under-achieving students, as well as chaired several education committees throughout the Tri-Valley.

“I’ve always been a big believer in education-business partnerships, so it is especially rewarding when the community finds my work valuable,” said Kiernan. “I also appreciate Laboratory management recognizing the importance of LLNL contributing to the community and supporting my endeavors.”

Though the award singles out Kiernan’s efforts, she emphasized the recognition is “just as much for all the partners” with whom she has worked.



CLASSIFIED ADS

See complete classified ad listings at
<https://www.ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1978 - VW Bug Convertible. Great Collector Car. New motor, muffler, tires, exhaust, and paint! A real cute car! Blue w/white top and interior. 209-835-8066

1984 - 1984 FORD BRONCO 4-Sale 4*4, Automatic, Good Cond., RollBar, TowPackage, CD Player, Running Boards, Low miles on Rblt. Mtr, \$3500.00 925-381-2359

1995 - Ford Explorer 4 by 2, all power, tower package, new tires. Excellent condition. A must see. \$7,000.00 OBO 510-537-7222

1994 - Acura Integra, 148Kmi, AC, AM/FM/Cassette, ABS, Dual air bags, moon roof, power doors, alarm w/ keyless entry. \$5000 obo. 209-473-7764

2000 - Honda Civic EX Coupe, Silver, excellent condition, 5-speed, sunroof, 40k mi., air, cruise, power windows, CD, \$13,000 OBO. 510-338-1199

1997 - Honda Civic EX couple. Great condition, 5 speed, 30+ MPG, 83K highway miles. Asking \$8400/OBO 925-443-0889

1971 - Volkswagon beetle. Does not run, body in decent shape. 400\$ OBO. 209-869-2029

1989 - Cadillac Seville 4-door, leather interior, good condition. Professionally maintained by AAA mechanic \$3500 or BO. 925-455-9546

1985 - Volvo, 240 DL, blue, AT, AC, FM Cass, runs great, clean interior, 25 MPG. \$1,800 OBO. 209-836-5671

1996 - Dodge Status, runs great, 108,000 miles, A/C, C/C, 2.46, 4 cyl, \$3750 OBO. Alternate phone # 925-634-5702. 925-513-8494

1999 - Toyota 4runner SR54WD Excellent Condition Loaded 69500mi No/offroad Thule4bike StellarBlue high altitude engineering for mountain driving 22000 OBO 925-355-9144

1985 - Nissan Maxima SE 6 cyl, 5-speed manual, 235K miles, runs great, recent smog, well-maintained, all records, \$1700 obo 925-447-6719

1997 - Honda Accord. 4 door. V6 engine. Auto trans. Moon roof. Alarm. Cool wheels and tires. Lowered. CD player. Excellent condition. 925-455-6648

1997 - Red Honda Prelude. alloy wheels, ABS, L.Seats, Moon Roof, Spoiler, new Battery, nearly new tires, 54k, \$14,500 ex.condition. Garage kept. 925-373-1964

1995 - Pontiac TransAm, Blue/Green, 6 speed, Pwr everything, 10 speaker stereo, 70K miles, Leather, One owner, Looks and runs great. \$10,000. 510-247-0294

1994 - BMW 325i 4 door 5 spd. cd changer, new brakes/clutch, runs and looks great. \$10,000 OBO 925-240-7019

1985 - Jeep CJ7-4X4 Restoring, hard top/doors, roll bar, new eng, clutch, radiator, battery, tires, custom rims, etc. Needs minor body work/paint \$5990 925-443-7408

1989 - Oldsmobile Ciera 4D, V6, Grey, Automatic, PS, PW, Power Door Locks, New CD Player, 95K, Good Condition, \$1600/OBO 925-961-0786

1999 - Acura 3.0CL, V6, fully loaded, CD, sunroof, leather, 4yr/50K wrnty, 25.5K miles, \$23K OBO, Excellent Condition. Call 925-426-7400. 925-426-7400

1983 - Ford Thunderbird, A/T, V8, custom tires and rims, black exterior, runs good, must see \$1100 obo. 510-538-7444

AUTOMOBILE ACCESSORIES

Transmission - Turbo 350 from 1981 Buick. Less than 10K miles. \$150. 209-835-3919

Tires, 265/75 16 inch mud and snow mounted on 6 lug Chevrolet aluminum alloy factory wheels. 16k on tires. \$250 925-447-4611

Misc. used VW bug body parts. Running boards, bumpers, heater boxes, etc. BO 925-443-4350

Pickup Shell, Black Aluminum /Carpet Kit, Blue Gray. Fits 6ft. Chevy Short Bed. \$150. Or Obo 209-836-3709

GM 99 & up Truck Accessories: Flowmaster cat-back exhaust-\$250, R&D Fog light controller-\$20, ProTecta bed mat-\$60, All like new... 209-365-0412

BICYCLES

Bicycle headlight, dual beam NiteRider, mounts on bars with battery in drinkholder. Has high-low switch. Very bright, asking \$110, new price \$260 925-484-4099

1996 Sidekick Scooter w/Canopy for the phys-

ically challenged \$900.00 OBO 925-456-6720

BOATS

1977- 19 ft Sea Ray bowrider in great condition! V8. I/O motors. 380 hrs. Bimini top. Seats 6-8. \$3,695/ob. 209-463-9900 to test drive! 209-832-2790

ELECTRONIC EQUIPMENT

Laptop IBM ThinkPad 600E, 266mhz PIII/64mb/4gb HD/CD/floppy/modem. 13 inch screen. Excellent condition. \$450. 925-743-9519

Answering Machine-AT&T Digital Style AS45(formerly 1718-check web page). 1 year use. Works. \$10. Have at lab office. 925-456-7826

TUMI Computer Briefcase (#2670), Ballistic Nylon w/ Safecase Laptop Insert. Excellent cond. \$100/obo 925-447-4462

Playstation w/ internal Mod Chip (can play imported and copied games) & 2 controllers. Covert Dawn game. \$65 925-292-8762

HP Office Jet Model 350 Fax/Copy/Print \$100 Sue 925-454-1577

Tek 2213 scope w/ probes, svc man \$275; HP 1630A logic anal w/ probes, user man \$275; 925-454-1577

GIVEAWAY

Wood dog house. Accommodates medium/large dog. You haul 925-447-6978

Picket fence, redwood painted white, 32inch-es, abt 35 ft w/ lots of extra pickets, you remove. 925-294-9022

32 stepping stones aprox. 16X16 dark gray in color. You haul 925-443-5419

Free 32inch Television stand. Came with new TV from Sears. Assembled and used for 30 days. Like new, pickup in Livermore. 925-292-8762

Beautiful, friendly 8 year old grey cat in excellent health. We have an allergy problem. Will provide child support! 650-838-9451

HOUSEHOLD

Solid Oak Dresser, Excellent condition, Like New, Measures 59 in. Tall, 48 in. Wide 18 in. Deep, Medium Oak in color. \$600.00 O.B.O 925-443-1571

Stereo/Video component cabinet. Vertical design. Walnut veneer finish. Unique piece of furniture very well suited to the task. \$150. 925-743-9519

Bed King Size with Box Springs and Mattress and Huge mirrored Head Board Good Condition 70 style WAS once a Waterbed. Dark Wood Color. \$100. 209-835-9082

Entertainment center light oak finish VCR/TV shelf, glass doors stereo storage. Approx 5 w x 4 H x 1 1/2 D. 925-455-9342

Wood coffee table, 36-in L x 18-in W - \$25; metal coffee table w/glass top, 44-in square - \$40; Danish modern wood desk - \$40; rocking chair - \$60. 925-245-0915

Evenflow (On My Way) baby car seat/carrier, with extra base - \$25. 925-837-7463

Antique walnut dresser, 4ftx3ftx22in, needs touch-ups, \$95. Vintage(1920s) chaise lounge with skirt, newer lt blue upholstery, vy good cond., \$125. 925-516-2774

Roll top desk, Winners only, solid oak, excell. cond. paid \$1250 sell for \$750 925-447-4611

CHEST FREEZER, 8.4 cu ft, Wards brand, great cond., in Lvrmr, moving, must sell. \$100.00 925-516-9529

Walnut rolltop desk with 3 large drawers, excellent condition, \$250. 925-455-0542

MOTORIZED SCOOTER - for persons with limited mobility, electric rechargeable, less than a year old, \$1200/obo. 925-449-6821

Oak table- dark finish, new in box, 6 chairs. \$350 209-835-4281

Queen size Futon with frame Good condition with new cover \$170 OBO. 925-934-1530

Antiques: Nice Oak rocking chair \$80, Treadle sewing machine \$75 need refinishing, camel back trunk \$90, twinn brass bed \$85 925-449-0388

Great States Push Reel Lawnmower. Great cond. \$30/obo 925-447-4462

Childrens Wood bedroom set, includes bunk beds, mattresses, mattress boards, desk, dress-

er, mirror, chair. \$500.00 209-239-9416

Fisher Price play set with slide. 6 plastic pieces make 2 story 4ft by 4ft house and slide. \$10. 209-832-1321

Kenmore Elite Side by Side Refrigerator 3 1/2 years old good condition. Recently purchased new house new appliances. \$250.00 /BO can deliver. 925-240-5336

3 piece couch-chair-loveseat set. Hunter Green, all pieces recline, built in table, Exc. Cond. \$250 OBO 209-599-1955

Mirror, 6 ft. 6-1/2 in. by 3 ft. 5 in. Like new. Make offer. Please call before 8:30 p.m. weekdays or anytime weekends. 925-829-2581

Cradle blonde hardwood w/ bedding \$100; baby backpack, jogging stroller \$75; 925-454-1577

Mitsubishi console stereo TV 26 inch \$100 925-454-1577

Baby Bouncy Seat (\$5); Futon with folding wood base, excellent cond. (\$150 OBO); misc. baby items. 925-454-9116

LOST & FOUND

LOST - silver key ring with two keys, 1/22/02, somewhere between B415 parking lot and B218. 925-443-5890

Lost sentimental gold wired earring w/Amethyst and a diamond on top. If found please call me. 925-439-7394

Found: Labelmaker on corner of Inner Loop near 551E. Claim at Pipe Shop if you can identify. 4-3032

MISCELLANEOUS

Saddle western McPherson all show accessories and silver. This well built saddle is no longer made. Comes with handy roll around saddle rack. \$800.00 925-455-9342

Krups mini espresso machine - \$15. 925-837-7463

Childrens playtable + two chairs, Crate&Barrel, fruitwood, vy good cond., \$65 obo. 925-516-2774

Vertical file cabinet with 4 drawers, excellent condition, \$65. Antique chest - \$250 OBO. Digital photos available. 925-455-0542

1996 Sidekick Scooter w/Canopy for the physically challenged \$900.00 OBO 925-456-6720

Rototiller, 4 ft wide, fits back of any tractor with 3 point hitch. \$375 209-847-1231

Mens gold wedding ring, size 9, comfort cut, 2 tone, excellent condition. \$250/obo. 209-835-8976

REI Big Byte Office Backpack w/ computer insert. Many extra pockets. Excellent cond. \$40/obo 925-447-4462

CA Symphony 2 orchestra tickets, March 3rd, Hofmann Theatre, Walnut Creek. Ticket price \$45 sell \$35 each 925-935-5004

Baby items all excellent condition / look like new. ChildCraft Crib/mattress \$150. Graco Swing \$25. Combi Stroller \$35. 925-275-9434

Skil 10inch table saw with stand. \$50 510-530-1884

Pickup Shell & Carpet Kit / Black Aluminum & Blue / Gray. Fits 6ft. Chevy Short Bed. \$150 Or Obo. 209-836-3709

MOTORCYCLES

1990 - Honda Cbr600 Excellent Condition (Fast) Low Mileage. Also 1987 Cbr600 Parts Bike Both For \$3000.Obo. 925-516-9678

1987 - Yamaha 350 Moto4 ATV. New tires, carb, and electrical. Very good condition, runs excellent. \$1350 OBO 925-443-4350

MUSIC INSTRUMENTS

Drum Hardware Mapex Brand cymbal stands. two boom and two straight type. never used! \$55 each firm. 925-243-1373

PETS & SUPPLIES

AquaClear aquarium filter. Ideal for 30-50 gallon tanks. \$10. 925-245-4570

Travel kennel for up to 25 pound pet. \$15. 650-364-5951

Horse Fore Sponser In Oakley \$75.00 Per Mo. 16h Thoroughbred Very Sweet.Rides

English/West 19yr Old Gelding, Perf Female Rider. Has Shown 4h Call 925-687-7356

Baby Cockatiels Hand Tame \$50.00 209-669-7588

Free to good home, mini-rex rabbit, pedigree, buck, very nice. 925-706-2088

Free cat to good home. Please call 925-516-9293.

Large Dog Cage new. Purchased for \$110 selling for \$65 925-449-3821

Sale 2 Adorable Dachound (Winner Doggy) 8-Weeks. Old Asking \$150.00 No Papers. But Full Breed. Blk/Tan. 209-521-4846

Maltese. Male, AKC, 2 yrs old. Free to good home. 925-642-5339

10 month Registered German Shorthair Pointer, Liver/Ticked. FCH Snappy Tom Bloodlines. Started Obedience Training. 209-869-5362

Horse Boarding - 2 ac. pvt. Pleasanton orchard pasture, shelters, cyclone fences, \$150 per month includes grass hay and alfalfa twice a day. 925-443-6531

RECREATION EQUIPMENT

New K2 Merlin VI 178cm skis w/Marker bindings, used twice, \$395; Nordica boots sz 8, \$25; other ski/board stuff. 925-443-3106

Wooden Playset - Good condition (3 years old from Costco) Includes fort, slide, swings, monkey-bars. \$150/obo. U-haul 925-275-9434

Snowboard Package: Burton Rippee freeride snowboard (158.5 cm), bindings, boots (leather, size 9), padded board bag, all like new. \$350 obo. 925-249-1640

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www.r.llnl.gov/tsmp>.

PATTERSON - Vanpool has seats available. Work hours 7:30-4:00. Call Kim 209-892-2118, ext. 2-9502

DANVILLE - Camino Tassajara & Crew canyon (near Blackhawk) - 2 drivers/riders seeking additional members to carpool from south Danville area. 8:00 - 4:45 925-736-9441, ext. 2-1039

Orinda-Moraga-Lafayette - Lamorinda carpool needs 4th rider/driver. Lab hours 8:15am-5pm. Departs/returns to St. Stephens and Highway 24 in Orinda. 925-253-0498, ext. 2-9823

TRACY - Carpool looking for passengers. Hrs 8-4:45. 209-833-1201, ext. 2-9955

Modesto - Luxury van. 14 psgr 8 - 4:30 schedule. \$110/mo. plus other \$\$ off for transit pretax and if you want to share driving. 209-521-9047, ext. 2-5177

Sacramento - Moving to Sacramento area in February. Looking to join vanpool/carpool. Call if you have a spot. Ask for Carolyn. THANKS! 209-823-8309, ext. 2-3399

Modesto - 8-4:30 luxury van leaves from Vintage Fair Mall with drop off and pickup near office on site. 209-545-3866, ext. 3-8056

SERVICES

TUTORING in high school and college math and chemistry. 925-443-2095

Handyman/Builder. 32 years experience, all trades. Reasonable rates, lab references. 209-835-7270

House Painting - Exterior & Interior, over 16 yrs exp. Free estimates. 925-447-5132

Windshield chip repair, do the preventative measure, right on site. 209-234-2314

New years resolution? ACSM Certified Fitness Trainer can help you reach your goals or train for an event. In your home or at gym. 925-292-8762

painting, interior, exterior, quality paint quality work, neat and clean. free est 925-447-4648

Professional Wedding Photography, specializing in B&W. Portfolio available. 510-658-2577

Roofing, 28 yrs experience, fully insured, free estimates 925-454-9200

SHARED HOUSING

Sunol - Seeking housemate for 3BR/2BA creekside cabin in Kilcare Woods. 1800 sq.ft., fireplace, huge kitchen w/DW, W/D. \$1300/mo. Call 650-302-0514

TRUCKS & TRAILERS

2001 - Ford Ranger Edge SuperCab 4x4. 7k miles. Auto trans. 4 liter engine. Tow package, extras. 19k OBO. 925-443-4639

2001 - Jeep TJ Wrangler Sport, RED, w/dark grey interior, AC, CD/AM/FM Radio, lifted 3 inches, custom rims, Low Miles, Excellent Condition. Asking \$22.5K, OBO 925-373-8244

1992 - Ford F250. Over \$5k new stuff. New tires/wheels, paint, campershell, bedliner & carpeted storage kit, brakes & more! \$5,995/obo. 209-832-2790

1992 - Dodge Dakota Club Cab with V8, AC, PS, Cruise, Cassette, Camper Shell, Tilt Wheel, Alloy Wheels. 130,000 Miles, Excellent Condition. \$5500 209-239-3485

1994 - Jeep Wrangler 4X4, 4.0, 6cyl., 5sp., Red/Gray bikini softtop, Sony cassette, alarm, 72k miles, alloy wheels, bikerack. cell 925-640-8561 \$9,999 obo 925-513-1991

1984 - Toyota pick-up w/camper shell, very good condition, clean, ac, ps/pb. 113K, \$1,600. 925-447-2830

1969 - GMC 1/2 ton 4x4, long bed, auto, strong 454ci, 411 gears, lifted, many extras, must see, \$6000 OBO 925-463-0650

1997 - Chev. Suburban LT2500, 454ci, auto, leather, CD, 3 inch lift, tinted windows, 42K mi, exc. cond. \$25,500 925-463-0650

1988 - 26 ft Comfort trailer by Kit. 2 axels, new propane tanks. Triple bunks. A/C, MW, Outside trim recently refurbished. \$5000 or BO. 925-447-5359

1989 - Toyota Truck, 4x4, 5speed, \$3000/BO 925-846-5374

2000 - Dodge Dakota, 2WD, V6, Club Cab, SLT, AC, CD player, excellent condition, 20K miles, \$16,500 or BO 916-321-1596

1988 - Door mount swing away mirror of pickups, vans, or campers. \$10. 925-245-4570

1978 - Chevy Luv long bed pick-up, 4 spd, 4 cyl, runs great and looks great too \$1500 obo 510-881-5444

VACATION RENTALS

Kihei, Maui, HI - Kamaole Sands one bedroom, two bath, large lanai with a garden view. 925-461-3698

MAUI Kihei oceanfront condo: beautiful ocean view, white sandy beach, pools, tennis, BBQ, whale watching, snorkeling. Low LLNL rates. 925-846-1459

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet, newly remodeled, nicely furnished, all amenities, close to all skiing. Reserve Now! 209-599-4644

SOUTH LAKE TAHOE - Huge 3/2/2car, family rm w/frpl, hot tub, game rm w/bar & pool table, great location, n/s/pets 925-487-3871

WANTED

Wanted, Pop up type 8 foot cab over camper. Stove, Refrigerator, water system not necessary. Will consider a unit that needs some repair work. 209-754-1990

Drafting Table 925-449-1340

Wanted- Recumbant Exercise bike, slight used. for elderly person. 510-537-7222

Drum set for young teen. Reasonable price. 925-443-6052

Please call if you have a 55 gallon or over aquarium with/stand if. I am willing to pick up anytime! 510-693-0162

Let it snow, let it snow

As temperatures dropped below freezing this week, snow fell in the hills surrounding the Lab. Site 300 was brushed with snow (below) as were areas along Corral Hollow Road.

PHOTOS BY JEFF DEBISSCHOP/SITE 300 AND JULIE KORHUMMEL/NEWSLINE

DIRECTOR'S OFFICE

Continued from page 1

terrorism.

I have always been an optimist, looking at the bright side. But the Lab doesn't pay me to be eternally optimistic. As the Laboratory's senior counterintelligence officer, I need to remind you that Lab employees are potential targets of foreign intelligence — simply because we work at a national laboratory. We have access to information, or to the people who have information, that other people and other countries want. We may be potential targets if others simply think that we have access.

This can be true when we travel abroad, when we bring foreign visitors in to our work areas, and even when we socialize. We need to tune our antennae so that when the conversation is directed toward the parts of the job that we can't talk about, those antennae start to twitch. That's what security awareness is all about. Knowing where to draw the line is part of our jobs. It's the reason we have security clearances, and it's part of working in such a special place with such spe-

cial people

People routinely tell SAFE staff members that they've traveled extensively to "sensitive" foreign countries and had frequent contact with scientists and others from those countries, and that they have never had a problem. I believe that. However, according to a General Accounting Office (GAO) report published in June 2000, scientists from four national laboratories reported at least 75 incidents in which DOE personnel were targeted by a foreign intelligence service in efforts to obtain sensitive information and proprietary knowledge. Espionage happens.

What can we do to protect ourselves?

The foundation of the Security Awareness For Employees (SAFE) program is awareness. SAFE offers pre-travel briefings and post-travel debriefings to Laboratory employees who travel to sensitive countries. Pre-travel briefings give you "heads up" information relevant to your destination. Post-travel debriefings, on the other hand, are your opportunity to provide a heads-up to Laboratory travelers who will follow your flight path.

Both briefings and debriefings are concerned with methods that foreign intelligence services use as well as with counterterrorism and other general information that may help you to protect yourself.

SAFE also offers briefings to Laboratory employees who host foreign national visitors and assignees.

SAFE provides key support to LLNL program initiatives to bring global talent into the Laboratory by ensuring that required background, or indices, checks have been completed. SAFE understands many of the pressures that foreign nationals working here on visits and assignments may encounter. We're available to help everyone who feels he or she has been targeted for elicitation of sensitive information. SAFE maintains the confidentiality of all reports.

It doesn't take a rocket scientist, or a nuclear scientist, or a Newton or an Archimedes to realize the effect that one bad apple can have on our concerted efforts to keep LLNL's scientific programs afloat. But it does take more than 8,500 sets of alert eyes and ears.

Terry Turchie is director of the Lab's SAFE Program.

What you should know about foreign contact reporting requirements

The former DOE requirement to report close and continuing contacts with sensitive country foreign nationals has been replaced with broader guidelines that may be easier to understand.

DOE now requires reporting of certain professional, personal and financial contacts with sensitive country foreign nationals. Please see the SAFE Website, <http://www-r.llnl.gov/safe/requirements.html> #report .

Which countries are considered sensitive?

You can find the DOE list of sensitive countries at <http://www-r.llnl.gov/safe/list.html>. The 25 countries on the DOE sensitive country list are designated sensitive for reasons of national security, nonproliferation, anti-terrorism, or economic security.

The DOE reporting requirement applies only to contact with foreign nationals from these countries, and does not apply to naturalized U.S. citizens or to U.S. permanent resident aliens.

Most contacts are reported to DOE via the online foreign contact reporting form at: <http://www.directives.doe.gov/pdfs/forms/1512-3.pdf>. The form is also available from the SAFE Office, L-046, 2-5557.

Professional, personal, financial contacts

The certain professional, personal and financial contacts contained in the DOE guidelines are:

- Professional contacts and relationships with sensitive country foreign nationals, whether at

work, in the United States or abroad.

- Personal relationships. This refers to "substantive" personal relationships with sensitive country foreign nationals (not U.S. resident aliens) other than family members.

- Financial relationships. These are business transactions with sensitive country foreign nationals.

Two additional types of contacts need to be reported, even if they do not involve sensitive country foreign nationals. They are:

- Unusual solicitations. Any attempt by anyone to gain unauthorized access to classified or sensitive unclassified information qualifies as an unusual solicitation. This is not limited to sensitive country foreign nationals; it applies to foreign nationals from any country as well as U.S. citizens.

- Contacts which involve anomalies. An anomaly is something that is out of the ordinary, for example, knowledge of classified or sensitive information that a business partner or foreign collaborator unexpectedly reveals, and that he or she isn't authorized to have.

Contacts that do not need to be reported

The DOE reporting requirement also explains that you do not need to report the following:

- Contacts with family members, including relatives and in-laws, who are foreign nationals.
- Limited, essentially public contact with foreign national neighbors, teachers and tradesmen.

- Contact with non-live-in domestic help.
- Ongoing contacts with foreign nationals with whom you work on LLNL/DOE projects.
- Contacts you have already reported in some other format, such as a trip report or SAFE debriefing.



Newsline
UC-LLNL
PO Box 808, L-797
Livermore, CA 94551-0808